

## **RDRAM Component Testing Summary**

As part of Intel's enabling process, the following test/characterization procedure has been implemented on RDRAM components. A small sample of components (2-5 devices) has been characterized on an HP83000 tester with Rebus, a test program written by Rambus. The RLC parameters on 1-5 devices have been measured on an HP8753E Vector Network Analyzer. For technical details on device characterization, refer to the Direct RDRAM Validation Specification on [www.rimm.com](http://www.rimm.com).

Table 1 lists the RDRAM suppliers and their component characterization status. The test results in Table 1 are summaries of the characterization testing under conditions described in Direct RDRAM Validation Specification. The characterization testing is not intended to replace normal component qualification process.

Kingston Technology and SMART Modular Technologies have the capability of performing Rebus testing. For Rebus testing, please contact:

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Gigatest Labs has the capability of performing testing on RLC parameters. For RLC testing, please contact:

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Gigatest Labs  
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**Table1 - Supplier RDRAM Component Testng Summary Table**

Supplier	Device	Part Number_Date Code	Comment
Hyundai	72M - 4Mx18	RD72E840_9921	Passed all parameters tested
Infineon	72M - 4Mx18	HYB25R72180C-840_9925	Passed all parameters tested
LG	72M - 4Mx18	R72AE-840_9917	Passed all parameters tested
NEC	72M - 4Mx18	UPD488385FB-C80-45-BF1_9920	Passed all parameters tested
Samsung	72M - 4Mx18	KM418RD4C-K80_904	Passed all parameters tested
LG	128M - 8Mx16	R128AC-840_9924	Passed all parameters tested except Ri and Cicmos
NEC	128M - 8Mx16	UPD488448FB-C80-45-DQ1_9927	Passed all parameters tested
Samsung	128M - 8Mx16	KM416RD8C-RK80_910	Passed all parameters tested
Hyundai	144M - 8Mx18	RD144C840_9925	Passed all parameters tested
LG	144M - 8Mx18	R144AC-840_9921	Passed all parameters tested except delta-Ci
Samsung	144M - 8Mx18	KM418RD8C-RK80_906	Passed all parameters tested
Samsung	144M - 8Mx18	KM418RD8AC-RK80_921	Passed all parameters tested
Toshiba	144M - 8Mx18	TC59RM718MB_9924	Passed all parameters test against PC700 and PC600 spec except Ci and delta-Ci

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